

FEDERAL TRANSIT ADMINISTRATION
EXECUTIVE SUMMARY
FY-99 5-YEAR IT PLAN

The Federal Transit Administration Office of Information Resource Management (TAD-20) has been pro-active in the arena of Information Technology. TAD-20 has been on a “fast track” installing and implementing new software, upgrading workstations and identifying and replacing non-Y2K compliant systems and software. The major accomplishments and highlights of FY 98 and the key goals and objectives of FY 99 are listed below.

Fiscal Year 1998

Hardware Systems Y2K Compliance Testing. Especially noteworthy for FY 98 was the complete testing of all FTA hardware systems for Y2K compliance. Systems that were identified as non-compliant have been marked for upgrading or retirement/replacement. All FTA hardware systems will be Y2K compliant by March 1999.

Removal of Start-up Applications. In the past, many applications started automatically when the individual “logged on” to the system or turned their computer on. Windows 95 allows “shortcuts” to be activated which negates the need for the automatic start-up process. Removing these automatic start-up’s enables TAD-20 to provide automatic updates to the system and minimizes the chance of corruption due to conflicts between this process and the launching of start-up applications.

Migration to Microsoft OUTLOOK/EXCHANGE. TAD-20 began the process of migrating FTA to Microsoft OUTLOOK from Microsoft MAIL. This action was necessary because Microsoft MAIL is not Y2K compliant. Microsoft EXCHANGE is the “engine server” or e-mail message warehouse that provides the message exchange with other FTA, Departmental and external staff. OUTLOOK has enhanced features such as a calendar program which can be shared between staff and offices, a contacts list for quick referral of names, addresses, phone numbers, etc., and a tasks list for reminders of items that need to be completed.

McAfee Virus Scan Integration. The latest version of McAfee Virus Scan was integrated into the FTA system. This software is required to scan for the presence of computer viruses that could render the network or hardware systems inoperable and to prevent the spread of the virus. McAfee identifies and isolates the virus for removal from the system; this is extremely critical due to the prevalence of micro viruses in Microsoft WORD.

Internet Explorer 4.01. TAD-20 has upgraded the FTA system to Internet EXPLORER 4.01 that provides for a secured transmission link over the Internet. This enables access to and use of “secured” websites such as the Employee Express.

Year 2000 Patches. TAD-20 continues to identify and target for upgrading or replacement of software that is not Y2K compliant. This includes applying software “patches” and

service releases that fix known “bugs” and Y2K problems with Microsoft WINDOWS 95 and OFFICE 97.

NetWare Hardware and Software Upgrades. TAD-20 has aggressively pursued the replacement and upgrade of the FTA Regional Headquarters fileserver computers. The new fileservers are Y2K compliant and will replace the current fileservers. A significant upgrade in the software that is run on the fileserver will migrate the Regional Headquarters to NOVELL’s operating system NETWARE 5.0 that is Y2K compliant.

Transportation Electronic Awards and Management (TEAM) System. TEAM, a third generation electronic enhancement for the award and management of grants, administered by the FTA, completed development in FY 98. The system is Y2K compliant and will be fully implemented without interrupting the current FTA grant application/delivery process. TEAM evolved from the success of the Electronics Grant Making and Management (EGMM) initiative which is five years old. The system uses Graphic User technology, which provides the grant recipients with a point and click capability that streamlines the application and management reporting of their grants. In preparation of the release of TEAM, TAD-20 directed a customer outreach program to the Transit Industry. By September 30, 1998 FTA personnel had traveled to 30 major metropolitan areas and conducted hands-on training sessions to over 1,200 Transit Industry professionals.

Telephone System. In September 1998, FTA moved its Region 6 Headquarters from Arlington, Texas to a federal building in downtown FT Worth, Texas. This move was coordinated in conjunction with the “One DOT” concept advocated by the Secretary, DOT. A state of the art, digital/analog telephone and upgraded local/wide area network system was installed in the FTA office space.

Fiscal Year 1999

Year 2000 Compliance Testing. The foremost concern and key goal for FTA during FY 99 is to complete all systems (hardware, software) testing for Y2K compliance. The Office of Information Resource Management (TAD-20) is ahead of its timeline and is scheduled to achieve Y2K compliance of all hardware and software systems by March 1999. Testing and identification of non-compliant systems continues. Systems which fail Y2K testing are being upgraded or retired/replaced without interrupting the FTA employee or his duties.

Transportation Electronic Awards and Management (TEAM) System. The full and complete implementation of TEAM will be completed by July 1999. TEAM was officially introduced as the standard for grants application and management on November 2, 1998. Customer outreach programs for hands-on training are scheduled throughout the year and individual transit organizations are being provided with free copies of the TEAM software. TEAM is now the standard for electronic grant application and management. All grant recipients must be totally integrated into TEAM not later than July 1999.

Voice Mail. Beginning in October 1998, FTA authorized and coordinated the activation of voice mail capability throughout the Headquarters and 10 Regional Offices. Voice mail will enhance the execution of daily duties for FTA employees and provide for increased customer service.

FY-99 5-YEAR IT PLAN

INITIATIVE ID: FTAOO001

OA: FTA

ORGANIZATION/ENTITY (OA OFFICE SYMBOL - PHONE BOOK CODE): TAD-20

TITLE OF PROGRAM/PROJECT:

TELECOMMUNICATIONS SERVICES

TOTAL LIFE CYCLE COST (IN \$000): \$2,000

DESCRIPTION:

FTA PROVIDES LOCAL AND NATIONWIDE TELECOMMUNICATIONS SERVICES FOR ITS HEADQUARTERS AND REGIONAL OFFICES. THE COST IDENTIFIED HEREIN ARE USED FOR VOICE , DATA, CELLULAR AND PAGING SERVICES. THE FTA WIDE-AREA-NETWORK (TRANSNET) IS A MAJOR BUILDING BLOCK OF THE AGENCY'S INFORMATION INFRASTRUCTURE AND IS USED TO INTEGRATE THESE SERVICES, NAMELY, MULTIPLE DATA AND VOICE COMMUNICATIONS NETWORKS. TO ACCOMPLISH ITS TELECOMMUNICATIONS GOALS AND OBJECTIVES, FTA UTILIZES THE FTS 2000 SWITCHED VOICE AND DATA SERVICES (SVS AND SDS) INCLUDING LOCAL AND NATIONWIDE PAGING SERVICES TO PROVIDE IMPROVED INFORMATION SHARING CAPABILITIES BETWEEN FTA HEADQUARTERS AND REGIONAL OFFICES, OTHER FEDERAL AGENCIES, AND THE PUBLIC AND PRIVATE SECTORS. IN ADDITION, THE FUNDING NEEDS AND REQUIREMENTS THAT HAVE BEEN IDENTIFIED INCLUDE DATA COMMUNICATIONS SERVICES WHICH WILL ENABLE FTA TO PROVIDE NATIONWIDE ACCESS TO ITS CORPORATE INFORMATION DATABASE AND ITS GRANTS MANAGEMENT INFORMATION SYSTEM (GMIS) BY VIRTUE OF AN "800" DIAL UP SERVICE.

IN RETROSPECT, THE INCREASED CAPABILITIES OF LAN ARCHITECTURES AND DEVELOPMENT OF POWERFUL WORKSTATIONS HAVE PROMPTED IMPORTANT CHANGES IN THE FTA TELECOMMUNICATIONS SERVICES. IN FY 1996, FTA COMPLETED FULL IMPLEMENTATION OF TRANSNET, INTEGRATED CORN AND EGM&M ACCESS FACILITATED AUTOMATIC INFORMATION DISSEMINATION TO REMOTE CLIENT NETWORKS, AND PROVIDED A HIGH SPEED ENVIRONMENT FOR THE EXCHANGE OF ELECTRONIC MAIL, INTEGRATED EGM&M USER INTERFACE (GUI) FRONT END. IN ADDITION, THE TELECOMMUNICATIONS SERVICE REQUEST PROCESS WAS STREAMLINED BY DEVELOPING A DATABASE THAT TRACKS THE SERVICE REQUEST PROCESS WAS STREAMLINED BY DEVELOPING A DATABASE THAT TRACKS THE SERVICE REQUESTS FROM ONSET TO COMPLETION.

JUSTIFICATION - PERFORMANCE AND SAVINGS:

THE TRANSNET ENTERPRISE STRATEGY IS A MAJOR BUILDING BLOCK OF FTA'S IIRM INFORMATION INFRASTRUCTURE AND IS USED TO INTEGRATE THE AGENCY'S VOICE, DATA, PAGING, MESSAGEING, CELLULAR SERVICES AND IMPENDING VIDEO CONFERENCING AND INTERNET TECHNOLOGY. FTA'S FUTURE TELECOMMUNICATIONS REQUIRE UPGRADING OF REGIONAL TELEPHONES TO ALLOW FOR VOICE MAIL CAPABILITY, CALLING CARDS FOR USE BY OFFICIAL TRAVELERS AND THE TELECOMMUTING PROGRAM. FULL IMPLEMENTATION AND A COMPLETE UPGRADE OF THE TRANSNET WOULD REQUIRE MULTIPLE DATA AND VOICE COMMUNICATIONS NETWORKS USING THE FTS 2000 SWITCHED VOICE AND DATA SERVICES (SVS, SDS), DEDICATED TRANSMISSION SERVICES (DTS), ENHANCED PACKED SWITCHED SERVICES (EPPS) INCLUDING LOCAL AND NATIONWIDE PAGING SERVICES. THE PLANNED VIDEO CONFERENCE TECHNOLOGY WILL NECESSITATE LESS TRAVEL BY EMPLOYEES TO ATTEND MEETINGS, CONDUCT SITE VISITS AND EXPLOIT TRAINING OPPORTUNITIES.

CONTACT PERSON AND PHONE NUMBER: REGINALD S. WHITLOCK 202.366.5632

CONTRACT STRATEGY:
ITOP

INITIATIVE ID: FTAOO002 **OA:** FTA

ORGANIZATION/ENTITY (OA OFFICE SYMBOL - PHONE BOOK CODE): TAD-20

TITLE OF PROGRAM/PROJECT:
INFORMATION TECHNOLOGY

TOTAL LIFE CYCLE COST (IN \$000): \$2,400

DESCRIPTION:

THE FUNDING IDENTIFIED HERE PROVIDES FOR CONTRACTUAL SERVICES TO SUPPORT FTA'S INFORMATION TECHNOLOGY PROGRAM MANAGED BY THE OFFICE OF INFORMATION RESOURCES MANAGEMENT. THESE SERVICES INCLUDE REQUIREMENTS ANALYSIS, SOFTWARE APPLICATIONS DEVELOPMENT AND MAINTENANCE, TRAINING, ANALYTICAL SUPPORT, CLIENT SERVERS AND MICROCOMPUTER EQUIPMENT; AND THE DISSEMINATION OF THE APPLICATION OF ADVANCE/VISIONARY TECHNOLOGICAL PRACTICE AND INNOVATIONS. THE WORKLOAD WILL INCREASE DURING FISCAL YEARS 1996 - 1999 DUE TO THE OFFICE AUTOMATION REPLACEMENT PROCESS. FTA PLANS TO CONTINUE TO USE THE DOT COMPUTER CENTER SUPPORT CONTRACTOR FOR THESE SERVICES. THE FTA ESTIMATES INCLUDE UPGRADING OF EXISTING EQUIPMENT (SUCH AS REPLACING COMPUTER HARDWARE AND NETWORK TECHNOLOGY FOR EACH LOCAL AREA NETWORK) AND ACQUISITION OF ADDITIONAL PERIPHERALS (PRINTERS, COLOR MONITORS AND MODEMS) AND SOFTWARE. THIS FUNDING PROVIDES FOR A PHASED REPLACEMENT OF OFFICE AUTOMATION TECHNOLOGY OVER A FIVE-YEAR PERIOD WHICH BEGAN IN FY-96.

HISTORICALLY, FTA HAS PLANNED AND BUDGETED FOR INFORMATION TECHNOLOGY EQUIPMENT AND SOFTWARE UPGRADES ON A FIVE-YEAR LIFE CYCLE. DURING FY 96, THE IT BUDGET REQUESTS FOR PLANNED PURCHASES COUPLED WITH LOOSING GOVERNMENT EMPLOYEES TO RETIREMENT, AND THE REDUCTION IN CONTRACT STAFF. CUTS RELATIVE THESE CRITICAL ISSUES AND POSITIONS HAVE NOT ONLY AFFECTED FTA'S ABILITY TO COMPLETE THE IT REPLACEMENT PROJECT, BUT AFFECTED ELECTRONIC MAIL AND NETWORK OPERATIONS AND APPLICATIONS PROGRAMMING. THEREFORE, THERE IS A GREATER NEED TO AND DEPENDANCY ON INFORMATION TECHNOLOGY TO FILL THE VOID IN THE PRODUCTIVITY GAP OF THE REMAINING EMPLOYEES.

THE FUNDS IDENTIFIED HERE WOULD ENABLE FTA TO COMPLETE THE IT REPLACEMENT PROGRAM, FOR THE 486 PROCESSOR TECHNOLOGY HAS BECOME A PRODUCTIVITY HINDRANCE IN SOME OFFICES, SINCE FTA HAS BEEN OPERATING IN THE GRAPHICAL USER INTERFACE (GUI) ENVIRONMENT FOR SEVERAL YEARS.

JUSTIFICATION - PERFORMANCE AND SAVINGS:

THE IT UPGRADE THAT HAS ALREADY TAKEN PLACE HAS CHANGED THE WAY THAT FTA DOES BUSINESS, AND HAS RESULTED IN IMPROVED SERVICES AND RESPONSIVENESS TO OUR CUSTOMERS (IE. SUPPORTING HEADQUARTERS AND REGIONAL OFFICES AND GRANTEE INFORMATION SYSTEMS). UPGRADING THE IT SYSTEMS FROM 386 TO 586 (PENTIUM) COMPUTERS HAS RESULTED IN ENHANCED PRODUCTIVITY COUPLED WITH MANY COST SAVINGS BENEFITS. LACK OF FUNDING WOULD RESULT IN A DECLINE IN PRODUCTIVITY AMONG MANY FTA EMPLOYEES AND FTA AS A WHOLE WILL BE UNABLE TO KEEP PACE WITH THE TECHNOLOGICAL TRENDS AS FTA MOVES INTO THE 21ST CENTURY.

CONTACT PERSON AND PHONE NUMBER: DON HIGGS 202.366.5857

CONTRACT STRATEGY:

ITOP

INITIATIVE ID: FTAOO003**OA:** FTA**ORGANIZATION/ENTITY (OA OFFICE SYMBOL - PHONE BOOK CODE):** TAD-20**TITLE OF PROGRAM/PROJECT:**

FTA'S WIDE-AREA-NETWORK (WAN) MAINTENANCE AND OPERATIONS

TOTAL LIFE CYCLE COST (IN \$000): \$1,700**DESCRIPTION:**

IN 1993, THE OFFICE OF INF. SYSTEMS ESTABLISHED A CONCEPTUAL DESIGN TO PROVIDE FTA WITH AN OPEN SYSTEMS OPERATING ENVIRONMENT CONNECTING ITS HEADQUARTERS AND REGIONAL OFFICES WITH A HIGH-SPEED COMMUNICATIONS NETWORK. THE WIDE-AREA-NETWORK TERMED TRANSNET, IS A VITAL LINK DESIGNED TO TAKE THE GMIS TO A MORE DISTRIBUTED ENVIRONMENT WITH A 5-YEAR LIFE CYCLE BEGINNING IN FY 1994. THE TRANSNET ENTERPRISE SYSTEM DESIGN USES FTS-2000 COMMUNICATIONS LINK AND SHARES CORPORATE, ADMINISTRATIVE, PROGRAMMATIC AND RESEARCH INFORMATION RESIDING ON THE MAINFRAME COMPUTERS AND FTA'S LOCAL AREA NETWORK (LANs). IN 1995, TRANSNET WAS IMPLEMENTED AND INSTALLED PROVIDING CONNECTIVITY FOR FTA WITH ITS CONTRACTORS, OTHER GOVERNMENT AGENCIES, AND STATE AND LOCAL GRANT RECIPIENTS. IN 1996, PHASE I OF THE PROGRAM WAS COMPLETED, TRANSNET WAS FULLY IMPLEMENTED PROVIDING FTA-WIDE INTERNET ACCESS, HIGH SPEED EGM&M CLIENT/SERVER USERS. USING GRAPHICAL USER INTERFACE (GUI) TECHNOLOGY, TRANSNET INFRASTRUCTURE HAS PROVIDED FTA WITH EGM&M, A MORE ROBUST AND USER FRIENDLY SYSTEM. THE EGM&M PROVIDES RESEARCH PROGRAMS, THEREBY, REDUCING DELAYS AND COSTS DUE TO DOCUMENT REPRODUCTION AND TRANSMISSION.

THE FUNDING IDENTIFIED HERE PROVIDES FOR CONTRACTUAL SUPPORT SERVICES, SYSTEMS UPGRADES AND FUTURE SYSTEM ENHANCEMENTS. IF FUNDED, THE SYSTEM WILL NEED PERIODIC UPGRADES AND ENHANCEMENTS TO MAINTAIN THE NETWORK INFRASTRUCTURE, TELECOMMUNICATIONS NETWORK AND BANDWIDTH NECESSARY TO SUPPORT TELECOMMUTING PROGRAMS (DESKTOP VIDEO AND DOCUMENT CONFERENCING). THE ABOVE FUNDING WILL ENABLE FTA TO IMPLEMENT A TOTAL CLIENT SERVER ENVIRONMENT BY THE YEAR 2000.

JUSTIFICATION - PERFORMANCE AND SAVINGS:

THIS INITIATIVE WILL ENABLE FTA TO PROMOTE THE COLLECTION, DISSEMINATION AND EXCHANGE OF INFORMATION ON RESEARCH, TECHNOLOGY, MANAGEMENT PRACTICES AND INNOVATION. TECHNICAL ASSISTANCE TO GRANTEES WILL BE IMPROVED, THE GRANT DELIVERY PROCESS WILL BE STREAMLINED AND PROGRAM MANAGEMENT TO FTA GRANTEES WILL BE IMPROVED.

CONTACT PERSON AND PHONE NUMBER: DON HIGGS 202.366.5857**CONTRACT STRATEGY:**

ITOP

INITIATIVE ID: FTAOO005

OA: FTA

ORGANIZATION/ENTITY (OA OFFICE SYMBOL - PHONE BOOK CODE): TAD-20

TITLE OF PROGRAM/PROJECT:

ELECTRONIC RECORDS MANAGEMENT PROGRAM

TOTAL LIFE CYCLE COST (IN \$000): \$60

DESCRIPTION:

TITLE 36 CFR 1234.10 REQUIRES EACH AGENCY TO ASSIGN RESPONSIBILITY TO DEVELOP AND IMPLEMENT AN AGENCY-WIDE PROGRAM FOR THE MANAGEMENT OF ALL RECORDS CREATED, RECEIVED, MAINTAINED, USED, OR STORED ON ELECTRONIC MEDIA. IN FY-95, FTA BEGAN IMPLEMENTING PROCEDURES FOR MAINTAINING ADEQUATE AND PROPER DOCUMENTATIONS OF ITS ORGANIZATIONS, FUNCTIONS DISTINGUISHING NON-RECORD MATERIAL AND PAPERS; ENSURING THAT POLICIES AND PRACTICES ARE DESIGNED TO ACHIEVE EFFECTIVE AND EFFICIENT DISPOSITION OF ALL RECORDS; AND ENSURING THERE IS A TIMELY TRANSFER OF PERMANENT RECORDS TO THE FEDERAL RECORDS CENTER (FRC). THE FUNDING REQUESTED FOR FY-96 WOULD PROVIDE CONTRACTUAL SERVICES TO FOCUS ON FTA'S STRATEGIC PLANNING PROCESSES FOR THE CREATION, COLLECTION, PROCESSING, TRANSMISSION, USE, STORAGE, DISSEMINATION, AND DISPOSITION OF INFORMATION, AND TO ADDRESS THE FORMAL ASPECTS OF COMPREHENSIVE ELECTRONIC RECORDS MANAGEMENT PROGRAM. THIS PROCESS WAS DELAYED DUE TO THE ADMINISTRATIVE FUNDING REDUCTIONS IN FY-96.

JUSTIFICATION - PERFORMANCE AND SAVINGS:

THE ELECTRONIC RECORDS MANAGEMENT PROGRAM PROMOTES THE COLLECTION, DISSEMINATION AND EXCHANGE OF INFORMATION ON RESEARCH, TECHNOLOGY, MANAGEMENT PRACTICES AND INNOVATION. ADDITIONAL BENEFITS INCLUDE IMPROVED TECHNICAL ASSISTANCE TO FTA GRANTEES, A STREAMLINING OF THE GRANT DELIVERY PROCESS AND IMPROVED PROGRAM MANAGEMENT TO FTA GRANTEES.

CONTACT PERSON AND PHONE NUMBER: KAREN SHAW 202.366.6146

CONTRACT STRATEGY:

ITOP

INITIATIVE ID: FTAOO006

OA: FTA

ORGANIZATION/ENTITY (OA OFFICE SYMBOL - PHONE BOOK CODE): TAD-20

TITLE OF PROGRAM/PROJECT:

National Transit Database (formerly known as Section 15 Data Collection and reproduction)

TOTAL LIFE CYCLE COST (IN \$000): \$2,050

DESCRIPTION:

THE NATIONAL TRANSIT DATA BASE IS FTA'S SECTION 15 STATISTICAL DATA COLLECTION AND REPORTING PROGRAM WHICH PROVIDES DETAILED SUMMARIES OF FINANCIAL AND OPERATION DATA SUBMITTED TO THE FEDERAL TRANSIT ADMINISTRATION (FTA) BY MORE THAN 550 TRANSIT AGENCIES. THE PROGRAM IS MANAGED BY THE OFFICE OF PROGRAM MANAGEMENT AND IS EXECUTED BY A CONTRACTOR WHO IS COMPETITIVELY AWARDED TO PERFORM THE MAJOR ACTIVITIES OF THE PROGRAM. THE CONTRACT IS UP FOR RECOMPETITION IN FY-96.

THE DATA COLLECTION AND REPORTING PROCESS HAS BEEN IMPROVED AND UPGRADED TO NEW COMPUTER TECHNOLOGY BY THE PREVIOUS CONTRACTOR PERFORMING THE WORK. IMPROVEMENTS HAVE OCCURRED IN THE AREAS OF DATA ENTRY AND DATA EDITING; DATA VALIDATION; DATA AGGREGATION; PREPARATION AND PUBLICATION OF ANNUAL REPORTS AND THE DEVELOPMENT OF TRAINING MATERIAL.

THE PRODUCTS OF THE PROGRAM ARE USED AS A MANAGEMENT TOOL FOR PLANNING BY TRANSIT AGENCIES. THEY ARE BY ALL LEVELS OF GOVERNMENT FOR MAKING POLICY ANALYSES AND INVESTMENT DECISIONS. FEDERAL, STATE AND LOCAL GOVERNMENTS, TRANSIT AGENCIES/BOARDS, LABOR UNIONS, MANUFACTURERS, RESEARCHERS, CONSULTANTS, AND UNIVERSITIES USE THE INFORMATION AS A RESOURCE FOR MAKING TRANSIT RELATED DECISIONS. CONTINUITY IN FUNDING FOR THE NTD PROGRAM IS NECESSARY IN ORDER TO COLLECT MEANINGFUL DATA AND PROVIDE TIMELY INFORMATION TO AGENCY MANAGEMENT FOR POLICY AND FEDERAL AND DECISION MAKING.

JUSTIFICATION - PERFORMANCE AND SAVINGS:

THE NATIONAL TRANSIT DATABASE (NTD) WILL PROMOTE THE COLLECTION, DISSEMINATION AND EXCHANGE OF INFORMATION ON RESEARCH, TECHNOLOGY, MANAGEMENT PRACTICES AND INNOVATION.

CONTACT PERSON AND PHONE NUMBER: DOUG KERR 202.366.1641

CONTRACT STRATEGY:

ITOP

INITIATIVE ID: FTAOO007 **OA:** FTA

ORGANIZATION/ENTITY (OA OFFICE SYMBOL - PHONE BOOK CODE): TAD-20

TITLE OF PROGRAM/PROJECT:

GRANTS MANAGEMENT INFORMATION SYSTEM (GMIS) - FTAOO004 has been incorporated

TOTAL LIFE CYCLE COST (IN \$000): \$2,500

DESCRIPTION:

THE GMIS PROVIDES PROGRAM FUNDED CONTRACT, INTERAGENCY AGREEMENT, CONTRACT AND GRANT MANAGERS AND GRANTEEES WITH CURRENT, RELIABLE, ACCURATE, INTELLENT, AND TIMELY INFORMATION ON PLANNING, MONITORING, AND FUNDING OF THE FTA CONTRACT AWARDS. IT IS MAINTAINED UNDER THE DIRECTION OF THE OFFICE OF INFORMATION RESOURCES MANAGEMENT (TAD-20). INCLUDED IN THE FUNDING ABOVE ARE COMPUTER OPERATIONS COSTS FOR PROCESSING GMIS AT THE DOT COMPUTER CENTER; AND CONTRACTED LABOR SERVICES FOR DEVELOPING DIRECT DATA TRANSFER PROCEDURES; AUTOMATING DATA SUPPORT AND COLLECTION; IMPLEMENTING DATA SHARING SOFTWARE; PROMOTING OPEN SYSTEM TECHNOLOGIES AMONG FTA AND DEPARTMENTAL INFORMATION SYSTEMS.

IN FY-94, GMIS UNDERWENT SIGNIFICANT CHANGES WHICH RESULTED IN THE EMERGENCE OF THE ELECTRONIC GRANT MAKING AND MANAGEMENT (EGM AND M) SUB-SYSTEM. EGM&M IS A PAPERLESS PROCESS THAT ALLOWS THE GRANTEEES TO ELECTRONICALLY APPLY FOR A FEDERAL GRANT AND FTA TO REVIEW, APPROVE AND MANAGE IT. THE PILOT (PHASE I) FOR THE EGM&M ENDED IN FY-95. THE EGM&M PROCESS IS ONE OF THE VITAL STREAMLINING IMPROVEMENTS UNDER THE VICE-PRESIDENT'S NATIONAL PERFORMANCE REVIEW (NPR) INITIATIVE. FTA RECEIVED THE VICE PRESIDENT'S HAMMER AWARD FOR THIS NEW PROCESS.

JUSTIFICATION - PERFORMANCE AND SAVINGS:

STREAMLINING THE OPERATIONS OF THE GMIS WILL PROVIDE BETTER OVERSIGHT OF FTA GRANT PROGRAM. WITHOUT MAJOR ENHANCEMENTS OR INVESTMENTS, GMIS WILL NOT BE OPERATIONAL FOR FISCAL YEAR 2000.

CONTACT PERSON AND PHONE NUMBER: FRED MAY 202.366.2465

CONTRACT STRATEGY:

ITOP

INITIATIVE ID: FTAOO008 **OA:** FTA

ORGANIZATION/ENTITY (OA OFFICE SYMBOL - PHONE BOOK CODE): TAD-20

TITLE OF PROGRAM/PROJECT:

FINANCIAL MANAGEMENT SYSTEMS (FMS)

TOTAL LIFE CYCLE COST (IN \$000): \$10,000

DESCRIPTION:

THE FTA FINANCIAL MANAGEMENT SYSTEMS (FMS) PROVIDE ACCURATE AND TIMELY FINANCIAL INFORMATION ON THE ALLOCATION AND USE OF APPROPRIATED FUNDS, AND SATISFY THE INTERNAL AND EXTERNAL FINANCIAL REPORTING REQUIREMENT OF FTA. THE PRESENT CENTRAL SYSTEM, KNOWN AS THE DEPARTMENTAL ACCOUNTING AND FINANCIAL INFORMATION SYSTEM (DAFIS) IS PROCESSED AT THE CORN FACILITY IN PLANO, TEXAS WITH FRONT-END DATA ENTRY AND HISTORICAL DATA STORAGE ON A DATAPOINT MINICOMPUTER NETWORK LOCATED IN THE OFFICE OF BUDGET AND FINANCIAL MANAGEMENT IN WASHINGTON, DC. CONVERSION TO THE DAFIS SYSTEM WAS COMPLETED IN FY 1993. FUNDING IDENTIFIED HERE PROVIDES CONTRACTUAL SUPPORT SERVICES TO OPERATE AND MAINTAIN THE SYSTEMS AND INTERFACES TO DAFIS, CUPS, FTA'S GMIS AND THE ECHO SYSTEMS. THE FIGURES ALSO INCLUDE FUNDING FOR SOME COMPUTER OPERATIONS COSTS AT THE DEPARTMENTAL TRANSPORTATION COMPUTER CENTER (TCC) AND FUNDING FOR LOCAL COMPUTER TECHNOLOGY UPGRADES IN WASHINGTON , DC.

JUSTIFICATION - PERFORMANCE AND SAVINGS:

THE FMS SYSTEM PROMOTES THE COLLECTION, DISSEMINATION AND EXCHANGE OF INFORMATION ON RESEARCH, TECHNOLOGY, MANAGEMENT PRACTICES AND INNOVATIONS. ADDITIONALLY IT FOSTERS INDUSTRY ADAPTABILITY TO ENABLE THE INDUSTRY TO RESPOND TO CHANGES IN TRANSPORTATION PATTERNS, TECHNOLOGIES, AND NEEDS.

CONTACT PERSON AND PHONE NUMBER: GWEN DANIELS 202.366.1008

CONTRACT STRATEGY:

8A

INITIATIVE ID: FTAOO009 **OA:** FTA

ORGANIZATION/ENTITY (OA OFFICE SYMBOL - PHONE BOOK CODE): TAD-20

TITLE OF PROGRAM/PROJECT:

TRANSPORTATION COMPUTER CENTER SERVICES

TOTAL LIFE CYCLE COST (IN \$000): \$1,900

DESCRIPTION:

THIS ITEM COVERS ALL COMPUTER SERVICES PROVIDED BY THE TRANSPORTATION COMPUTER CENTER (TCC) TO FTA. THE LARGEST COST ITEMS ARE FOR CONTRACT LABOR SUPPORTING FTA OFFICE AUTOMATION SYSTEMS AND THE GRANTS MANAGEMENT INFORMATION SYSTEM (GMIS). THE NEXT MAJOR COST TO THE COMPUTER OPERATIONS IS THE GMIS AND VARIOUS FTA AND OST ACCOUNTING SUBSYSTEMS. INCREASING THE NUMBER OF GRANTEE ON-LINE TO GMIS AND IMPLEMENTING NEW DEVELOPMENT AND ENHANCEMENT PLANS WILL CAUSE INCREASES IN THE FUNDING REQUIREMENTS PER THE ABOVE PROJECTED LEVELS. CURRENTLY, ONE MAJOR RESTRUCTURE OF THE GMIS DATABASE AND ONE MAJOR ENHANCEMENT TO THE APPLICATION SOFTWARE HAS OCCURRED EACH YEAR. CONTINUED ENHANCEMENT TO THE ABOVE SYSTEMS WILL BE NEEDED OVER 5 YEARS IN ORDER TO PROVIDE IMPROVE SERVICES TO THE CUSTOMERS AND TO LEAD FTA TO A PAPERLESS OFFICE BY THE YEAR 2000.

JUSTIFICATION - PERFORMANCE AND SAVINGS:

THE TRANSPORTATION COMPUTER CENTER PROVIDES ALL OF FTA'S CONTRACT RESOURCES FOR THE AGENCY'S AUTOMATED SYSTEMS. IF UNFUNDED, FTA'S INFORMATION TECHNOLOGY SYSTEMS WOULD HAVE AN ADVERSE IMPACT ON THE ENTIRE OPERATIONS OF THE AGENCY.

CONTACT PERSON AND PHONE NUMBER: FRED MAY 202.366.2465

CONTRACT STRATEGY:
WORKING CAPITAL